**Who**: Individual or Partner

**When**: Start Feb. 19 – Finish Feb. 27

**Where**: I class to plan/ Finish at home

**Why**: Demonstrate name, job, and structure of 8 major plant cell organelles.

**What**: Create a fully labeled scientific model of a plant cell.

|  |  |
| --- | --- |
| **Criteria** | **Details** |
| **Labels**  ( \_\_\_\_\_\_ %) | * Clear * Neat * Detail * Spelling * Complete * Big (can see) * Attached * Color * Rigid |
| **Model**  ( \_\_\_\_\_\_\_ %) | * 8 * Size * Detail * Color * Quality * Place * Material choice |
| **Overall**  (\_\_\_\_\_\_ %) | * Right place * Right size * Creativity * Complete * Neat * Effort * Big (see) * Your name |
| **Use of recycled materials**  ( 10 %) | 5% = some recycled materials  10% = all recycled materials |

Planning

Materials:

1. Cell wall
2. Cell membrane
3. Cytoplasm
4. Nucleus
5. ER (endoplasmic reticulum)
6. Vacuole
7. Mitochondria
8. Chloroplast
9. **Labels (Name & function)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Thursday**  **Feb. 19**  **In-Class Planning** | **Friday**  **Purchase/**  **Obtain/**  **Recycle Materials** | **Saturday**  **Purchase/**  **Obtain/**  **Recycle Materials**  **Start Build** | **Sunday**  **Rest** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Monday**  **Build Outer Part** | **Tuesday**  **Build 4 Organelles** | **Wednesday**  **Build 4 Organelles** | **Thursday**  **Create Labels** | **Friday**  **Feb. 27**  **Hand In** |

If you choose to complete the project in 1-2 sessions, please feel free to hand in early.